

## REMARKS

Claims 1-16 were pending in the subject application. By this amendment, applicant has amended claims 1-16 to better define applicant's claimed invention. No issue of new matter is raised by these amendments. Applicant respectfully request that the Examiner enter and consider these amendments. Upon entry of this Amendment, claims 1-16 as amended will be pending and under examination.

In the Office Action, the Examiner rejected claims 1-16 under 35 U.S.C. 103(a) as obvious over Chen, U.S. 6,758,014. In response, applicant has amended claims 1-16 and provide the remarks below.

Chen (US 6,758,014) does not teach a rectangular frame constructing a structure used as a greenhouse roof frame. The rectangular frame described in Chen is constructed of 4 multiple press beams (3) which are attached to the side of each of multiple upright columns (11). See Fig. 1 of Chen. Therefore, the rectangular frame described in Chen is a component of a support part (a frame body (1)) of a greenhouse, and is not a component of a structure used as a greenhouse roof frame (a roof (2)). See line 64 of the 2nd column - line 11 of the 3rd column of Chen. In addition, Chen does not disclose that the rectangular frame is coupled to the top of each of pillars (11) of a greenhouse. See Figs. 1 and 15 of Chen. In contrast, a rectangular frame (11) of the present invention is a component of a structure (1) used as a greenhouse roof frame, and is coupled to the top of each of pillars (21) of a greenhouse. See Figs. 1 and 8 of the present application.

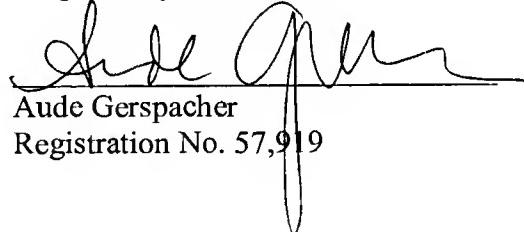
Chen does not disclose that a rectangular main beam comprises chords arranged in parallel at the upper and lower sides, and end vertical members provided between both ends of the chords. In addition, Chen does not disclose that a rectangular frame and the rectangular main beam are sterically-disposed in an inverted T shape. In contrast, a rectangular main beam (12) of the present invention comprises chords (12a, 12b) arranged in parallel at the upper and lower sides, and end vertical members (12c, 12d) provided between both ends of the chords (12a, 12b). See

Fig. 2 of the present application. In addition, a rectangular frame (11) and the rectangular main beam (12) of the present invention are sterically-disposed in an inverted T shape. See Fig. 4 of the present application.

Chen describes that one end of a principal rafter (3) is coupled to a ridge beam (21) and the other end of the principal rafter (3) is coupled to a draining flute (12) at both sides of the ridge beam (21). See line 14–17 of the 3rd column and Fig. 15 of Chen. However, the ridge beam (21) described in Chen is completely different from the rectangular main beam (12) of the present invention in the structure. In addition, the principal rafter (3) described in Chen is not coupled to a rectangular frame. See Fig. 15 of Chen. In contrast, a principal rafter (13) of the present invention is coupled to a rectangular frame (11). See Fig. 1 of the present application.

Accordingly, applicant maintains that the present invention is not rendered obvious over Chen. Reconsideration and allowance of amended claims 1-16 are respectfully requested.

Respectfully submitted,

  
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